WHAT IS CLAIMED IS:

1. A method for protecting a vehicle system from a load dump, comprising:

sensing an input voltage pulse exceeding a first 5 value;

determining whether the voltage pulse is a load dump;

disconnecting the system from power if the voltage pulse is a load dump; and

absorbing the voltage pulse if the voltage pulse is not a load dump.

- 2. The method of Claim 1, further comprising reconnecting the system with power when the voltage pulse concludes.
- 3. The method of Claim 1, wherein determining whether the voltage pulse is a load dump comprises measuring a time duration of the voltage pulse.

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4. The method of Claim 3, wherein disconnecting the system from power if the voltage pulse is a load dump comprises disconnecting the system from power if the time duration of the pulse exceeds a second value.

- 5. The method of Claim 4, wherein the second value comprises approximately seventeen milliseconds.
- 6. The method of Claim 1, wherein disconnecting the system from power if the voltage pulse is a load dump comprises disconnecting a display unit of an auxiliary

vision system from power if the voltage pulse is a load dump.

- 7. The method of Claim 6, wherein the display unit is coupled to an auxiliary vision system of a vehicle.
 - 8. The method of Claim 6, wherein the display unit is coupled to a global positioning satellite (GPS) system of a vehicle.

9. A method for displaying an image at a display unit, comprising:

receiving an image from a video source coupled to the display unit;

5 projecting the image onto a fold mirror of the display unit;

reflecting the image onto an imaging mirror of the display unit for viewing by a user;

sensing an input voltage pulse exceeding a first 10 value;

determining whether the voltage pulse is a load dump; and

disconnecting the display unit from power if the voltage pulse is a load dump.

- 10. The method of Claim 9, further comprising reconnecting the display unit with power when the voltage pulse concludes.
- 20 11. The method of Claim 9, wherein determining whether the voltage pulse is a load dump comprises measuring the time duration of the voltage pulse.
- 12. The method of Claim 9, wherein disconnecting
 the display unit from power if the voltage pulse is a
 load dump comprises disconnecting the display unit from
 power if the time duration of the pulse exceeds a second
 value.
- 30 13. The method of Claim 12, wherein the second value comprises approximately seventeen milliseconds.

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- 14. The method of Claim 9, wherein receiving an image from a video source comprises receiving an image from a camera unit of an auxiliary vision system of a vehicle.
 - 15. The method of Claim 9, wherein receiving an image from a video source comprises:

directing energy from a scene towards a detector; receiving energy from a portion of the scene at each of a plurality of detector elements;

converting the energy received at each detector element into information representative of the received energy; and

forming a visible image using the information representative of the received energy.

- 16. A protection circuitry system for protecting a vehicle system from a load dump, comprising:
 - a pulse detector operable to:
- sense an input voltage pulse exceeding a first value; and
 - determine whether the voltage pulse is a load dump;
 - a series switch coupled to the pulse detector, the series switch operable to disconnect the system from power if the voltage pulse is a load dump; and
 - a load spike protector coupled to the pulse detector, the load spike protector operable to absorb the voltage pulse if the voltage pulse is not a load dump.
- 17. The circuitry system of Claim 16, wherein the series switch is further operable to reconnect the system with power when the voltage pulse concludes.
- 18. The circuitry system of Claim 16, wherein a pulse detector operable to determine whether the voltage pulse is a load dump comprises a pulse detector operable to measure a time duration of the voltage pulse.
- 19. The circuitry system of Claim 18, wherein disconnecting the system from power if the voltage pulse is a load dump comprises disconnecting the system from power if the time duration of the pulse exceeds a second value.
- 30 20. The circuitry system of Claim 19, wherein the second value comprises approximately seventeen milliseconds.

- 21. The circuitry system of Claim 16, wherein disconnecting the system from power if the voltage pulse is a load dump comprises disconnecting a display unit of an auxiliary vision system from power if the voltage pulse is a load dump.
- 22. The circuitry system of Claim 21, wherein the display unit is coupled to an auxiliary vision system of 10 a vehicle.
 - 23. The circuitry system of Claim 21, wherein the display unit is coupled to a global positioning satellite (GPS) system of a vehicle.